

MT112



The MT112 Door Strike Release has been specifically designed for high security applications on hinged doors where superior strength is required such as prisons and institutional complexes.

The unique design is suitable where multiple throw lock bolts are incorporated on the door or where large heavy doors need to be controlled by remote operation.

The MT112 device provides a dual com system, along with dual integrated monitoring of strike functions for maximum security applications. It can be incorporated into any faced into other fire and security systems for total building management.



Extremely high holding force
In excess of 2 Tonnes



Dual monitoring
Independent strike jaws and lock bolt position



All locking components
Case hardened and moly coated



Anti-tamper monitoring



High tensile frame and locking components



Corrosion and tropical environment treated



Remotely or locally controlled

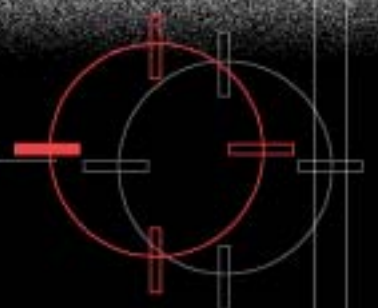


Safety to security personnel
Doors throw ajar indicating door is unlocked.

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MT112 Technical Data

| <u>Model No.</u> | <u>Voltage</u> | <u>Current Consumption</u> | <u>Shipping Weight</u> | <u>Size H x W x D mm</u> |
|----------------------------------|----------------------|------------------------------------|------------------------|--------------------------|
| MT112/212 MK11 Power to Open | 12volt DC +/- 15% | 1.50 amps inrush 380 mA holding | 5kg | 336 x 51 x 94 |
| MT112/224 MK 11 Power to Open | 24volt DC +/- 15% | 0.75 amps inrush 300 mA holding | 5kg | 336 x 51 x 94 |
| MT112/324 Power to Open | 24volt DC +/- 15% | 0.75 amps inrush 300 mA holding | 5kg | 336 x 51 x 94 |

Technical

Material: Jaws and mechanical components are made from EPB 100 tool steel, with 0.5mm thick case hardened to 60 Rockwell.

Finish: 316 Linished stainless steel finish to resist drilling and other forms of tampering.

Holding Force: In excess of 2 tonne.

Note: The MT112 model 300 has the additional advantage of having a high tensile security pin which locks into the door bolt when it is engaged with the release.

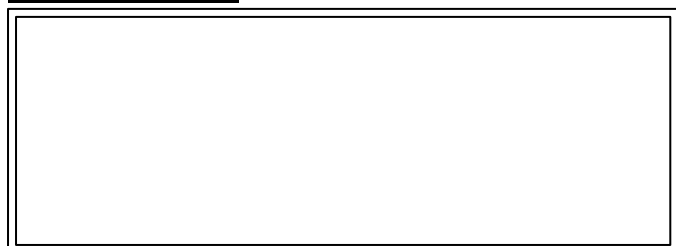
Approvals

Approved by Australian Government Security Authorities and life tested to over 100,000 operations.

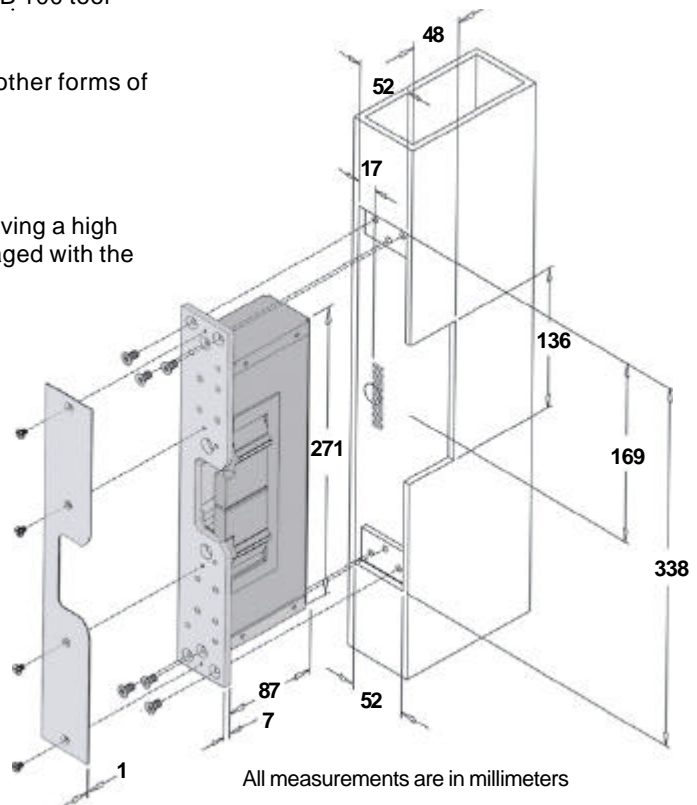
Principle of Operation

The unique design of the MT112 electric strike release allows for a fully or half extended lock bolt of an institutional type lockset to be held within the twin jawed keeper under high security conditions. When power is applied the strike is released and the door is free to be pushed or pulled open. The strike jaws remain in the open position and will not relock until power to the strike is removed and the door is returned to the closed position.

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Trimec Technology reserve the right to update technical data without notice



Drilling Profile

